

Estimated PCB Input From the Duwamish River
Maintenance Dredging Operations
(Pavlou/Dexter, Dec. 1974)

Dredging Area	Channel Length (ft)	$\Sigma <\text{PCB}>$ (g/g)	$\Sigma <\text{PCB}> / \text{Depth}$ Dredged (lb/ft) <i>area</i>	% Release <i>upper bounds</i> into water column	Generated Conc. in Bay (PPT.) <i>Triillion</i>
1 Turnbas/SSL6 250+00→275+00	2400	$(3 \times 10^{-7})^a$	21.6	0.2	0.4(10fd) <i>0 feet deep</i>
2 Turnbas/Jorg Steel 220+00→275+00	5600	$(6 \times 10^{-7})^a$	101	0.2	1.2 (6fd)
3 S Slip 1 85+00→90+50	1000	$(1.5 \times 10^{-6})^b$	22.3	0.2	0.09(2fd)
4 Slip(Hypothetical) 70+00→90+00	1800	$(7.3 \times 10^{-5})^b$	5252	0.2	11.0(1fd)

^a EPA/Region X; June 1973 (surface and core values average)

^b EPA/Region X; November 1974 (Surface value average)

^c Total amount generated in Bay from 1,2,3: 1.2 ppt.

USEPA SF



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